

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.:

Serial No.:

INVA-Q-CIP-3

Applicant:

Richey, et al.

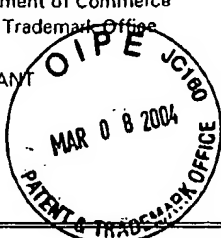
Filing Date:

September 14, 2001

Group:

## LIST OF PRIOR ART CITED BY APPLICANT

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U.S. PTO  
09/952763

## U.S. PATENT DOCUMENTS

* Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if appropriate
	AA	2,944,627	February 12, 1958	Skarstrom			
	AB	3,313,091	April 11, 1967	Berlin			
	AC	3,898,047	August 5, 1975	Cramer			
	AD	3,964,866	June 22, 1976	Shelby			
	AE	4,013,429	March 22, 1977	Sircar et al.			
	AF	4,194,890	March 25, 1980	McCombs et al.			
	AG	4,222,750	September 16, 1980	Gauthier et al.			
	AH	4,263,018	April 21, 1981	McCombs, et al.			
	AI	4,331,455	May 25, 1982	Sato			
	AJ	4,349,357	September 14, 1982	Russell			
	AK	4,428,372	January 31, 1984	Reysel, et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL	374 540A	June 16, 1932	GB			
	AM	83/03983	November 24, 1983	WO			
	AN	239 713	October 7, 1987	EP			
	AO	63-307101	December 14, 1988	JP			
	AP	64-28208	January 30, 1989	JP			

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if appropriate
	AA	4,449,990	May 22, 1984	Tedford, Jr.			
	AB	4,516,424	May 14, 1985	Rowland			
	AC	4,552,571	November 12, 1985	Dechene			
	AD	4,576,616	March 18, 1986	Mottram, et al.			
	AE	4,610,700	September 9, 1986	Miller, et al.			
	AF	4,627,860	December 9, 1986	Rowland			
	AG	4,636,226	January 13, 1987	Canfora			
	AH	4,670,223	June 2, 1987	Delachapelle			
	AI	4,673,415	June 16, 1987	Stanford			
	AJ	4,698,075	October 6, 1987	Dechene			
	AK	4,706,664	November 17, 1987	Snook, et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL	860 647 A	August 26, 1998	EP			
	AM						
	AN						
	AO						
	AP						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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		Filing Date: September 14, 2001	Group:

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if appropriate
	AA	4,765,804	August 23, 1988	Lloyd-Williams, et al.			
	AB	4,844,059	July 4, 1989	Koch			
	AC	4,867,766	September 19, 1989	Campbell, et al.			
	AD	4,869,733	September 26, 1989	Stanford			
	AE	4,880,443	November 14, 1989	Miller, et al.			
	AF	4,905,685	March 6, 1990	Olsson, et al.			
	AG	4,922,900	May 8, 1990	Kiske, et al.			
	AH	4,948,391	August 14, 1990	Noguchi			
	AI	4,983,190	January 8, 1991	Verrando et al.			
	AJ	4,991,616	February 12, 1991	Fabregat			
	AK	5,071,453	December 10, 1991	Hradek, et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						
	AP						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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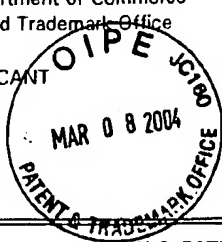
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## U.S. PATENT DOCUMENTS

* Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if appropriate
	AA	5,078,757	January 7, 1992	Rottner et al.			
	AB	5,144,945	September 8, 1992	Nishino, et al.			
	AC	5,154,737	October 13, 1992	Jenkins et al.			
	AD	5,163,978	November 17, 1992	Leavitt et al.			
	AE	5,195,874	March 23, 1993	Odagiri			
	AF	5,199,423	April 6, 1993	Harral, et al.			
	AG	5,207,806	May 4, 1993	Lagree, et al.			
	AH	5,237,987	August 24, 1993	Anderson, et al.			
	AI	5,248,320	September 28, 1993	Garrett et al.			
	AJ	5,354,361	October 11, 1994	Coffield			
	AK	5,474,595	December 12, 1995	McCombs			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL						
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	AN						
	AO						
	AP						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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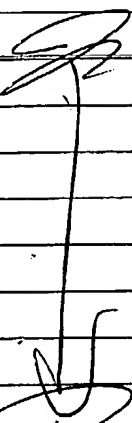
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## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if appropriate
	AA	5,490,871	February 13, 1996	Coates et al.			
	AB	5,531,807	July 2, 1996	McCombs			
	AC	5,584,669	December 17, 1996	Becker			
	AD	5,593,478	January 14, 1997	Hill, et al.			
	AE	5,704,964	January 6, 1998	Kaneko, et al.			
	AF	5,730,778	March 24, 1998	Hill, et al.			
	AG	5,858,062	January 12, 1999	McCulloh, et al.			
	AH	5,893,944	April 13, 1999	Dong			
	AI	5,988,165	November 23, 1999	Richey, II, et al.			
	AJ						
AK							

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
W	AL						
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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Serial No.: 09/952,763

INVA-Q-CIP-3

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Applicant: Richey, et al.

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PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date if appropriate
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AJ						
AK						

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes No
AL	WO 99/16529	April 8, 1999	WIPO			
AM						
AN						
AO						
AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

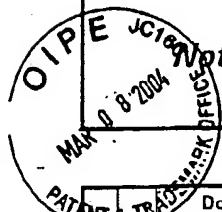
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# Notice of References Cited

Application/Control No. 09/952,763	Applicant(s)/Patent Under Reexam Richey, II et al.	
Examiner Joseph Weiss	Art Unit 3761	Page 1 of 1

## U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY <sup>1</sup>	Name	Classification <sup>2</sup>	
A	5,988,165	11/1999	Richey, II et al.	128	205.12
B	5,823,186	10/1998	Rossen et al.	128	204.21
C	6,422,237	7/2002	Engel et al.	128	204.21
D	6,302,107	10/2001	Richey, II et al.	128	205.18
E	6,132,177	10/2000	Loprete et al.	417	221
F	4,979,882	12/1990	Wipf	417	410
G	4,957,107	9/1990	Sipin	128	204.21
H	4,576,616	3/1986	Mottram et al.	55	68
I	4,465,436	8/1984	Schonwald	417	271
J	4,353,682	10/1982	Linnert et al.	417	295
K	3,924,968	12/1975	Gaines et al.	417	53
L					
M					

## FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY <sup>1</sup>	Country	Name	Classification <sup>2</sup>	
N	WO87/01599	3/1987	WIPO	De Vuono	128	204.18
O						
P						
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S						
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## NON-PATENT DOCUMENTS

	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
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<sup>1</sup> A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a). <sup>2</sup> Dates in MM-YYYY format are publication dates. <sup>3</sup> Classifications may be U.S. or foreign.